

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5778378".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 11:03
L2	41	("5778378").URPN.	USPAT	OR	OFF	2006/03/21 13:37
L3	282	717/116.ccls.	USPAT	OR	OFF	2006/03/21 13:38
L4	0	717/116.ccls. and document same (word near3 (search\$3 or find\$3 or locat\$3 ) ) and (index\$3 or key) and ( frequency or count\$3 )	USPAT	OR	OFF	2006/03/21 13:40
L5	0	717/116.ccls. and document same ( word near3 (search\$3 or find\$3 or locat\$3 ) )	USPAT	OR	OFF	2006/03/21 13:40
L6	0	717/116.ccls. and ( word near3 (search\$3 or find\$3 or locat\$3 ) )	USPAT	OR	OFF	2006/03/21 13:40
L7	439	document same (word near3 (search\$3 or find\$3 or locat\$3 ) ) and (index\$3 or key) and ( frequency or count\$3 )	USPAT	OR	OFF	2006/03/21 13:41
L8	14	document same (word near3 (search\$3 or find\$3 or locat\$3 ) ) and (index\$3 or key) and ( frequency or count\$3 ) and ("object-oriented" or "OO" or "object oriented" ) and framework	USPAT	OR	OFF	2006/03/21 13:44
L9	2	document same (word near3 (search\$3 or find\$3 or locat\$3 or retriev\$3 ) ) and (word adj (index\$3 or key)) and ( frequency or count\$3 ) and ("object-oriented" or "OO" or "object oriented" ) and framework	USPAT	OR	OFF	2006/03/21 13:44
L10	11	document same (word near3 (search\$3 or find\$3 or locat\$3 or retriev\$3 ) ) and (word adj (index\$3 or key)) and ( frequency or count\$3 ) and ("object-oriented" or "OO" or "object oriented" )	USPAT	OR	OFF	2006/03/21 13:48
L11	36	document same (word near3 (search\$3 or find\$3 or locat\$3 or retriev\$3 ) ) and (word adj (index\$3 or key)) same (match\$3 or compar\$4 )	USPAT	OR	OFF	2006/03/21 14:01
L12	1355	707/6.ccls.	USPAT	OR	OFF	2006/03/21 14:02

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L13	51	707/6.ccls. and document same (word near3 (search\$3 or find\$3 or locat\$3 ) ) and (index\$3 or key) and ( frequency or count\$3 )	USPAT	OR	OFF	2006/03/21 14:03
L14	30	707/6.ccls. and document same (word near3 (search\$3 or find\$3 or locat\$3 ) ) and (index\$3 or key) same ( frequency or count\$3 )	USPAT	OR	OFF	2006/03/21 14:03
L15	30	707/6.ccls. and document same (word near3 (search\$3 or find\$3 or locat\$3 ) ) and (index\$3 or key) same ( frequency or count\$3 )	USPAT	OR	OFF	2006/03/21 14:03
L16	9	707/6.ccls. and document same (word near3 (search\$3 or find\$3 or locat\$3 ) ) and (index\$3 or key) same ( frequency or count\$3 ) and (custom\$7 or extensible or extended)	USPAT	OR	OFF	2006/03/21 14:04
S1	2	"6081798".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/20 15:54



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1 [Object-oriented and database concepts for the design of networked informa](#)  
 [systems](#)

Norbert Fuhr

November 1996 **Proceedings of the fifth international conference on Int**  
**knowledge management**

**Publisher:** ACM Press

Full text available: [pdf\(1.04 MB\)](#) Additional Information: [full citation](#), [refer](#)  
[index terms](#)

2 [Object oriented reuse: experience in developing a framework for speech re](#)  
[applications](#)

Savitha Srinivasan, John Vergo

April 1998 **Proceedings of the 20th international conference on Softwa**

**Publisher:** IEEE Computer Society


Full text available: [pdf](#)  
(997.12 KB) Additional Information: [full citation](#), [refer](#)  
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[Site](#)

3 Surveying current research in object-oriented design

◆ Rebecca J. Wirfs-Brock, Ralph E. Johnson

September 1990 **Communications of the ACM**, Volume 33 Issue 9

**Publisher:** ACM Press

Full text available:  pdf(2.82 MB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)


The state of object-oriented is evolving rapidly. This survey describes what is thought to be the key ideas. Although it is necessarily incomplete, it contains academic and industrial efforts and describes work in both the United States and Europe. It ignores well-known ideas, like that of Coad and Meyer [34], in favor of more recent known projects. Research in object-oriented design can be divided into many areas. In this research is focused on describing a design process. ...

4 Word segmentation and recognition for web document framework

◆ Chi-Hung Chi, Chen Ding, Andrew Lim

November 1999 **Proceedings of the eighth international conference on intelligent information knowledge management**

**Publisher:** ACM Press

Full text available:  pdf(1.26 MB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)


It is observed that a better approach to Web information understanding is to use a document framework, which is mainly consisted of (i) the title and the URL of the Web page, (ii) the titles and the URL names of the Web pages that it points to, (iii) an alternative information source for the embedded Web objects, and (iv) the titles of the Web pages of the same document. Investigation reveals that a high percentage of words inside the document framework are "compound words" and ...

5 A hierarchy-aware approach to faceted classification of object-oriented classes

◆ E. Damiani, M. G. Fugini, C. Bellettini

July 1999 **ACM Transactions on Software Engineering and Methodology**, Volume 8 Issue 3

**Publisher:** ACM Press

Full text available:  pdf (310.25 KB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)

This article presents a hierarchy-aware classification schema for object-oriented software components where software components are classified according to their behavioral characteristics such as provided services, employed algorithms, and needed data. In the application frameworks, these characteristics are constructed from the description of the abstract classes specifying both the framework structure and purpose. In conventional ...


**Keywords:** code analysis, component repositories, component retrieval, user feedback

**6 Fast detection of communication patterns in distributed executions**

Thomas Kunz, Michiel F. H. Seuren


November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Research on Collaborative research**

**Publisher:** IBM Press

Full text available:  [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)


Understanding distributed applications is a tedious and difficult task. Visualization on process-time diagrams are often used to obtain a better understanding of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experiments we display repeated occurrences of non-trivial communication patterns ...

**7 Proximal nodes: a model to query document databases by content and structure**

 Gonzalo Navarro, Ricardo Baeza-Yates

October 1997 **ACM Transactions on Information Systems (TOIS)**, Vol 15, No 4

**Publisher:** ACM Press

Full text available:  [pdf](#) (550.43 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

A model to query document databases by both their content and structure. The main goal is to obtain a query language that is expressive in practice while being easily implementable, features not present at the same time in previous work. The model consists of a set-oriented query language based on operations on nested sets of elements of one or more hierarchies, together with content and structural information. The model is evaluated in regard to its performance ...


**Keywords:** expressivity and efficiency of query languages, hierarchical structured text, text algebras

8 Corrigenda: a hierarchy-aware approach to faceted classification of object-components

E. Damiani, M. G. Fugini, C. Bellettini


October 1999 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 8 Issue 4

**Publisher:** ACM Press

Full text available:  pdf (310.50 KB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)


This article presents a hierarchy-aware classification schema for object-components where software components are classified according to their behavioral characteristics such as provided services, employed algorithms, and needed data. In the application frameworks, these characteristics are constructed from their representation in the description of the abstract classes specifying both the framework structure and purpose. In conventional ...

9 Storing HyTime documents in an object-oriented databases

 Klemens Böhm, Karl Aberer

November 1994 **Proceedings of the third international conference on Information systems and knowledge management**

**Publisher:** ACM Press

Full text available:  pdf(1.03 MB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)


An open hypermedia-document storage system has to meet requirements not fully satisfied by existing systems: it has to support non-generic hypermedia documents, i.e. document types enriched with application-specific semantics. It has to provide hypermedia-document access methods. Finally, it has to allow the exchange of hypermedia documents with other systems. On a technical level, an object-oriented database-management system, on a logical level, a well established ISO ...

10 DOLORES: a system for logic-based retrieval of multimedia objects

 Norbert Fuhr, Norbert Gövert, Thomas Rölleke

August 1998 **Proceedings of the 21st annual international ACM SIGIR  
Research and development in information retrieval**

**Publisher:** ACM Press


Full text available:  pdf(1.69 MB) Additional Information: [full citation](#), [refer](#)  
[index terms](#)

11 Object-based navigation: an intuitive navigation style for content-oriented  
environment



Kyoji Hirata, Sougata Mukherjea, Yusaku Okamura, Wen-Syan Li, Yoshir  
April 1997 **Proceedings of the eighth ACM conference on Hypertext**

**Publisher:** ACM Press

Full text available:  pdf(1.29 MB) Additional Information: [full citation](#), [refer](#)  
[index terms](#)

**Keywords:** COIR, World-Wide Web, content-oriented integration, object  
navigation, object-level integration, relationship among objects


12 A loosely-coupled integration of a text retrieval system and an object-oriented  
system



W. Bruce Croft, Lisa A. Smith, Howard R. Turtle

June 1992 **Proceedings of the 15th annual international ACM SIGIR conference  
Research and development in information retrieval**

**Publisher:** ACM Press


Full text available:  pdf  
(854.18 KB) Additional Information: [full citation](#), [abstract](#)  
[citations](#), [index terms](#)

Document management systems are needed for many business applications. A  
system would combine the functionality of a database system, (for describing  
maintaining documents with complex structure and relationships) with a  
system (for effective retrieval based on full text). The retrieval model for  
management system is complicated by the variety and complexity of the  
represented. In this paper, we describe an approach to complete ...


13 Computing curricula 2001

◆ September 2001 **Journal on Educational Resources in Computing (JER)**

**Publisher:** ACM Press

Full text available:  pdf

(613.63 KB) Additional Information: [full citation](#), [refer](#)

 [html\(2.78](#)

[index terms](#)

[KB\)](#)


14 In black and white: an integrated approach to class-level testing of object-c

◆ Huo Yan Chen, T. H. Tse, F. T. Chan, T. Y. Chen

July 1998 **ACM Transactions on Software Engineering and Methodolo**

Volume 7 Issue 3

**Publisher:** ACM Press

Full text available:  pdf

(284.99 KB)

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[citations](#), [index term](#)


Because of the growing importance of object-oriented programming, a n strategies have been proposed. They are based either on pure black-box c techniques. We propose in this article a methodology to integrate the bla techniques. The black-box technique is used to select test cases. The whi is mainly applied to determine whether two objects resulting from the pr of a test care are observationally equivalent. It is als ...

**Keywords:** abstract data types, algebraic specification, object-oriented p observational equivalence, software-testing methodologies

15 Selected IR-Related Dissertation Abstracts

◆ May 1991 **ACM SIGIR Forum**, Volume 25 Issue 1

**Publisher:** ACM Press

Full text available:  pdf(2.71

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Additional Information: [full citation](#), [abstr](#)

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


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**16** Selected IR-Related Dissertation Abstracts

◆ September 1991 **ACM SIGIR Forum**, Volume 25 Issue 2

**Publisher:** ACM Press

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**17** Pen computing: a technology overview and a vision

◆ André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

**Publisher:** ACM Press


Full text available:  pdf(5.14 MB) Additional Information: full citation, abstr  
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This work gives an overview of a new technology that is attracting grow public as well as in the computer industry itself. The visible difference fi technologies is in the use of a pen or pencil as the primary means of inter user and a machine, picking up the familiar pen and paper interface meta follows a set of consequences that will be analyzed and put into context emerging technologies and visions. Starting with a short historic ...

**18** Designing reusable designs (panel session): experiences designing object-c frameworks

◆ Allen Wirfs-Brock, John Vissades, Ward Cunningham, Ralph Johnson, Lo October 1990 **Proceedings of the European conference on Object-orient programming addendum : systems, languages, and applic languages, and applications**


**Publisher:** ACM Press

Full text available:  pdf (748.28 KB) Additional Information: full citation, index

**19** A methodology for specifying data distribution using only standard object-

◆ Naohito Sato, Satoshi Matsuoka, Jean-Marc Jézéquel, Akinori Yonezawa  
July 1997 **Proceedings of the 11th international conference on Superco**


**Publisher:** ACM Press

Full text available:  pdf(1.49 MB) Additional Information: [full citation](#), [refer](#)  
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**20** Selected IR-Related Dissertation Abstracts

◆ February 1992 **ACM SIGIR Forum**, Volume 26 Issue 1

**Publisher:** ACM Press




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